# “Data Quality Tools You Can Use” (Part 2)

**Charlene Colon, Clinical Data Analyst**

**Womack Army Medical Center, Fort Bragg, NC**

**14 February 2007**

# Objectives

- Explain Visit Workload vs Encounter Services
- Overview of ADM Features
- Interface Error Reports
- Coding Table Update Coordination
- SADR Review Tool - DQ "Tune-Up"


Womack Army Medical

Fort Bragg, NC

Charlene Colon, Clinical Data Analyst
Information Management Division,
Clinical Data Team
Charlene.Colon@na.amedd.army.mil

# First There Was …

# The "Bubble" Sheet…

DO NOT WRITE IN THIS SPACE

DO NOT USE PENS THAT HAVE "BLEED THROUGH" INK

ICD Code #3

Diagnosis: Description

Diagnosis: Description

Diagnosis: Description

DIAGNOSES

OTHER PROCEDURES/EVALUATION & MGMT

CPT Code #1 CPT Code #2 CPT Code #3

Procedure: Description

Procedure: Description

Procedure: Description

PROCEDURES

NEW PRIMARY PROVIDER

PROVIDER NUMBER

INSURANCE INFORMATION

Do You Have HEALTH INSURANCE Other Than MEDICARE Or CHAMPUS? Yes No

Has Any Information Changed Since Your Last Visit? (If Yes, Please Make Changes) Yes No

Insurance Company Name: Phone No.:

Insurance Company Address:

Insurance ID No.: Group Name: Group No.:

Subscriber's Name: Patient's Relationship to Subscriber:

ADDITIONAL PROVIDER

PROVIDER NUMBER PROVIDER ROLE

Assisting Provider

Supervising Provider

Nurse

Para-Professional

ADDRESS CHANGES/CORRECTIONS

Name: SSN:

Address:

City:

State: Zip:

Patient Cat.: Other:

Home Phone No.: ( )

Work Phone No.: ( )

Sponsors Work Phone No.: ( )

ADDITIONAL PROVIDER

PROVIDER NUMBER PROVIDER ROLE

Assisting Provider

Supervising Provider

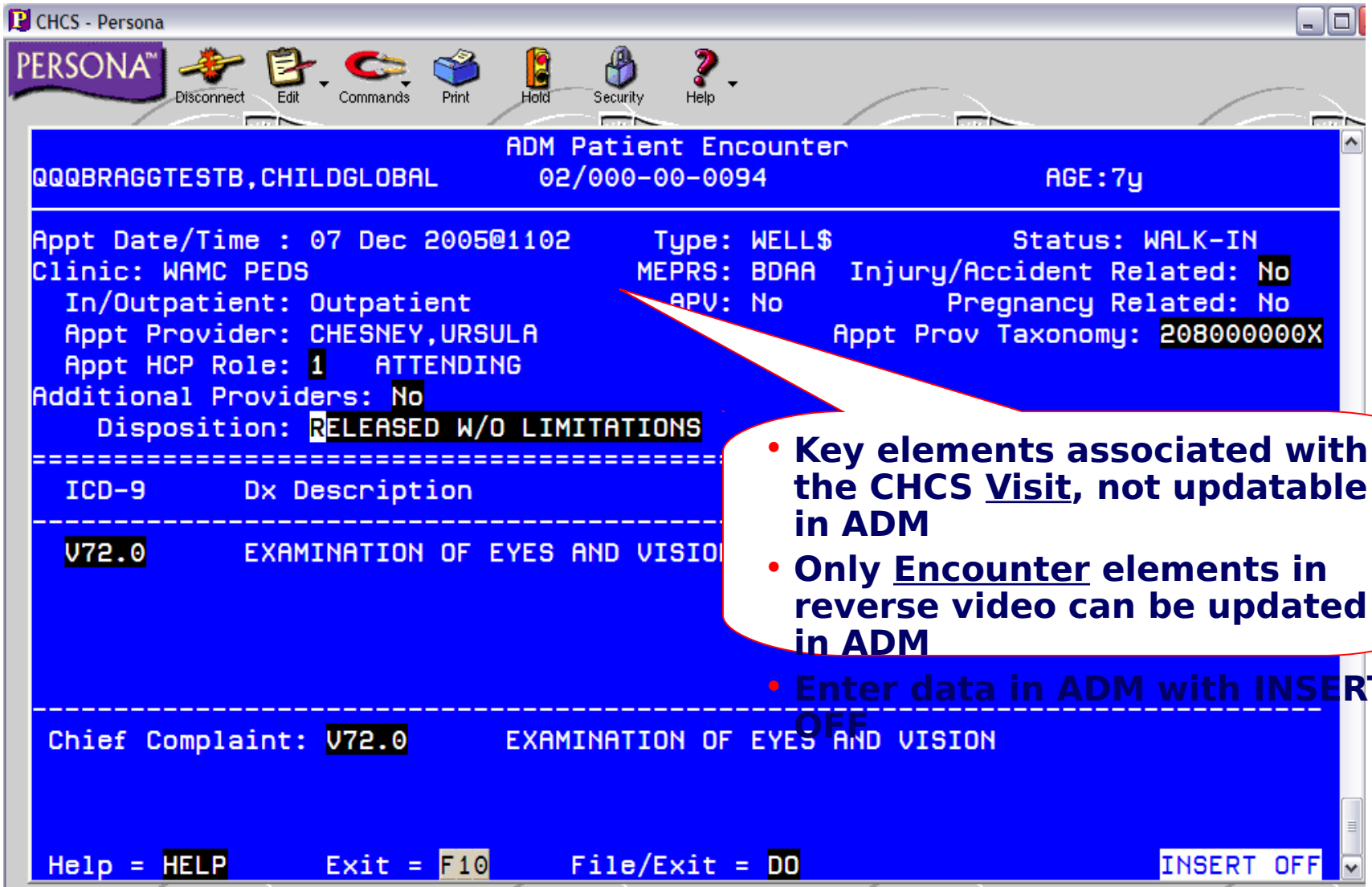
Nurse

Para-Professional

FOR OFFICIAL USE ONLY

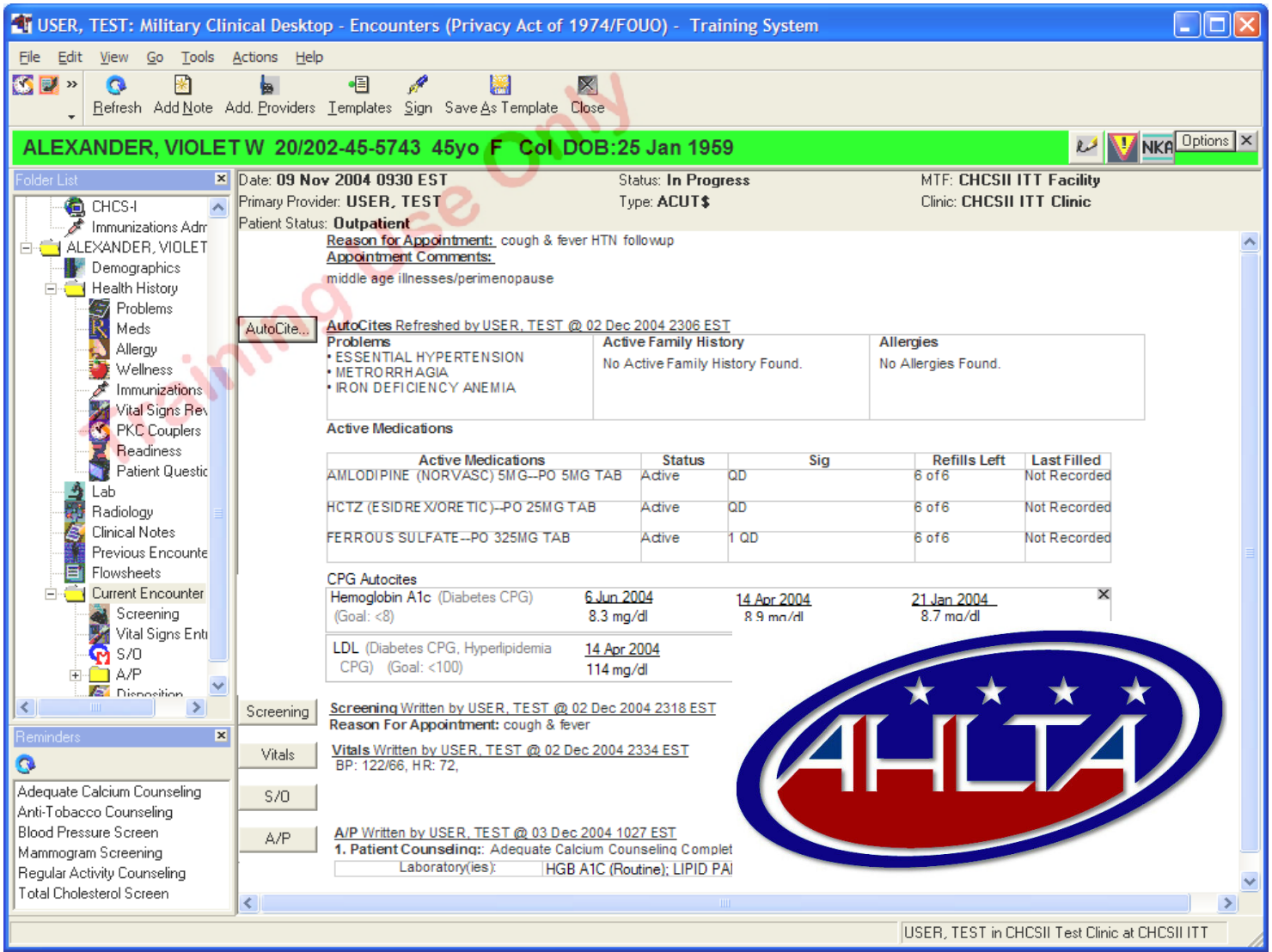
FMP SPONSOR SOCIAL SECURITY NUMBER TIME DATE MO. DAY YR.

# No More Bubble Sheets…




- **Key elements associated with the CHCS Visit, not updatable in ADM**
- **Only Encounter elements in reverse video can be updated in ADM**
- **Enter data in ADM with INSERT OFF**

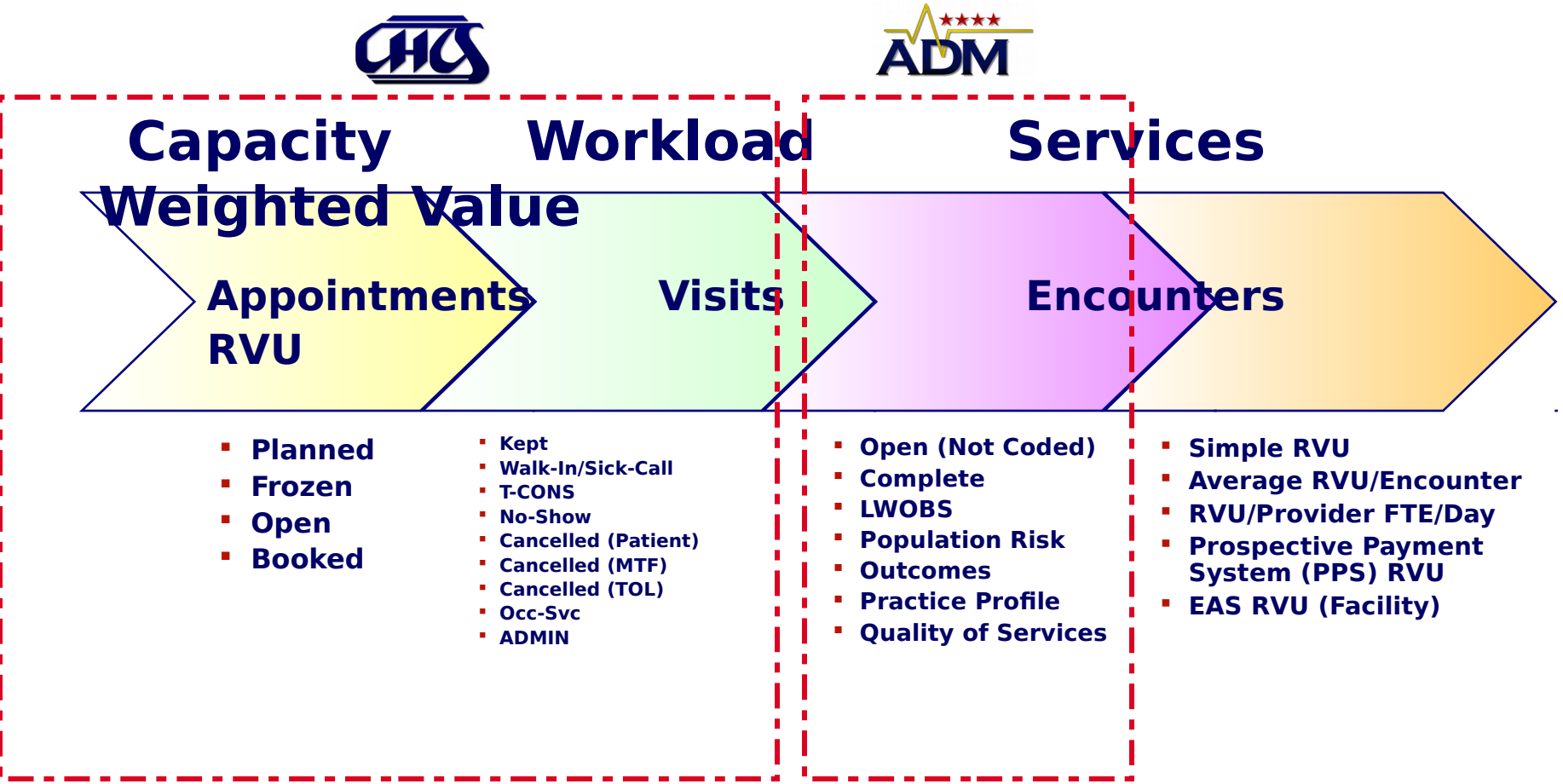
# And Now…


USER, TEST: Military Clinical Desktop - Encounters (Privacy Act of 1974/FOUO) - Training System
File Edit View Go Tools Actions Help
Refresh Add Note Add. Providers Templates Sign Save As Template Close
ALEXANDER, VIOLET W 20/202-45-5743 45yo F Col DOB:25 Jan 1959
NKA Options
Folder List
CHCS-I
Immunizations Adm
ALEXANDER, VIOLET
Demographics
Health History
Problems
Meds
Allergy
Wellness
Immunizations
Vital Signs Rev
PKC Couplers
Readiness
Patient Questic
Lab
Radiology
Clinical Notes
Previous Encounte
Flowsheets
Current Encounter
Screening
Vital Signs Ent
S/O
A/P
Disposition
Reminders
Adequate Calcium Counseling
Anti-Tobacco Counseling
Blood Pressure Screen
Mammogram Screening
Regular Activity Counseling
Total Cholesterol Screen
Date: 09 Nov 2004 0930 EST
Status: In Progress
MTF: CHCSII ITT Facility
Primary Provider: USER, TEST
Type: ACUT$
Clinic: CHCSII ITT Clinic
Patient Status: Outpatient
Reason for Appointment: cough & fever HTN followup
Appointment Comments:
middle age illnesses/perimenopause
AutoCite...
AutoCites Refreshed by USER, TEST @ 02 Dec 2004 2306 EST
Problems
• ESSENTIAL HYPERTENSION
• METRORRHAGIA
• IRON DEFICIENCY ANEMIA
Active Family History
No Active Family History Found.
Allergies
No Allergies Found.
Active Medications
Active Medications | Status | Sig | Refills Left | Last Filled
AMLODIPINE (NORVASC) 5MG--PO 5MG TAB | Active | QD | 6 of 6 | Not Recorded
HCTZ (ESIDREX/ORETIC)--PO 25MG TAB | Active | QD | 6 of 6 | Not Recorded
FERROUS SULFATE--PO 325MG TAB | Active | 1 QD | 6 of 6 | Not Recorded
CPG Autocites
Hemoglobin A1c (Diabetes CPG) (Goal: <8) 6 Jun 2004 8.3 mg/dl | 14 Apr 2004 8.9 mg/dl | 21 Jan 2004 8.7 mg/dl
LDL (Diabetes CPG, Hyperlipidemia CPG) (Goal: <100) 14 Apr 2004 114 mg/dl
Screening
Screening Written by USER, TEST @ 02 Dec 2004 2318 EST
Reason For Appointment: cough & fever
Vitals
Vitals Written by USER, TEST @ 02 Dec 2004 2334 EST
BP: 122/66, HR: 72,
S/O
A/P
A/P Written by USER, TEST @ 03 Dec 2004 1027 EST
1. Patient Counseling: Adequate Calcium Counseling Complet
Laboratory(ies): HGB A1C (Routine); LIPID PAI
Training Use Only
USER, TEST in CHCSII Test Clinic at CHCSII ITT

# Why the Focus?

- Standardize data collection methods
- Compare workload and productivity
- Measure efficiency per Provider FTE
- Forecast demand for services
- Establish performance benchmar
- Identify trends and utilization
- Calculate costs of services
- Assess and improve quality of services

# Measuring Performance




**Focus Shifting from "Counting Visits" to Measuring Work/Services Provided**

# Encounter Services

- **ICD-9 Code – Why the Patient was seen?**
  - Chief Compliant and Diagnoses
- **CPT Code – What was done to address the patient problem?**
  - Physician/Provider Services
  - Procedures Performed and Units of Service
  - Modifiers (explain additional details about the Service or Procedure)
- **HCPCS Code - What services/supplies were provided?**
- **Evaluation & Management Code (CPT Code):**
  - Setting
    - Office, Inpatient, Emergency Room, Preventive Service, Consult, etc.
  - Level of Services
    - Complexity (Minimal, Low, Moderate, or High)
  - Age Band
    - Preventive Services only

# Visits vs Encounters

- **An "ENCOUNTER" = Services Provided**
  - Documents reason for seeking care
  - Captures medical services provided
  - Establishes level of professional service and decision making
  - Identifies Staff (By Name) providing the services
    - Provider Seen
    - Secondary Providers
  - Both COUNT and NON-COUNT Visits are Encounters
- **A Count Visit is Always an Encounter, but not all Encounters meet the MEPRS definition of a Visit for reporting in WAM/EAS IV, EAS "Eligible" Encounters and Worldwide Workload (WWR)**
- **DQMC Statement 8. a) - # SADR encounters / # WWR visits**
  - **# SADRS should always be equal to or greater than Visits**

# PENDING vs PENDING

- **PENDING "Visit" Status: (Bad…)**
  - Incomplete Workload
- **PENDING "SADR" Status: (Good…)**
  - Encounters Coded as Complete or Updated, that pass SADR Edits, will be included in the next daily SADR batch file, grouped by Treating DMIS
  - SADR Nightly process is tasked to run ~2130 each night, in CHCS
    - Includes ADM & AHLTA completed encounters
    - Includes ADM, AHLTA and CCE Updates

See Notes View for additional

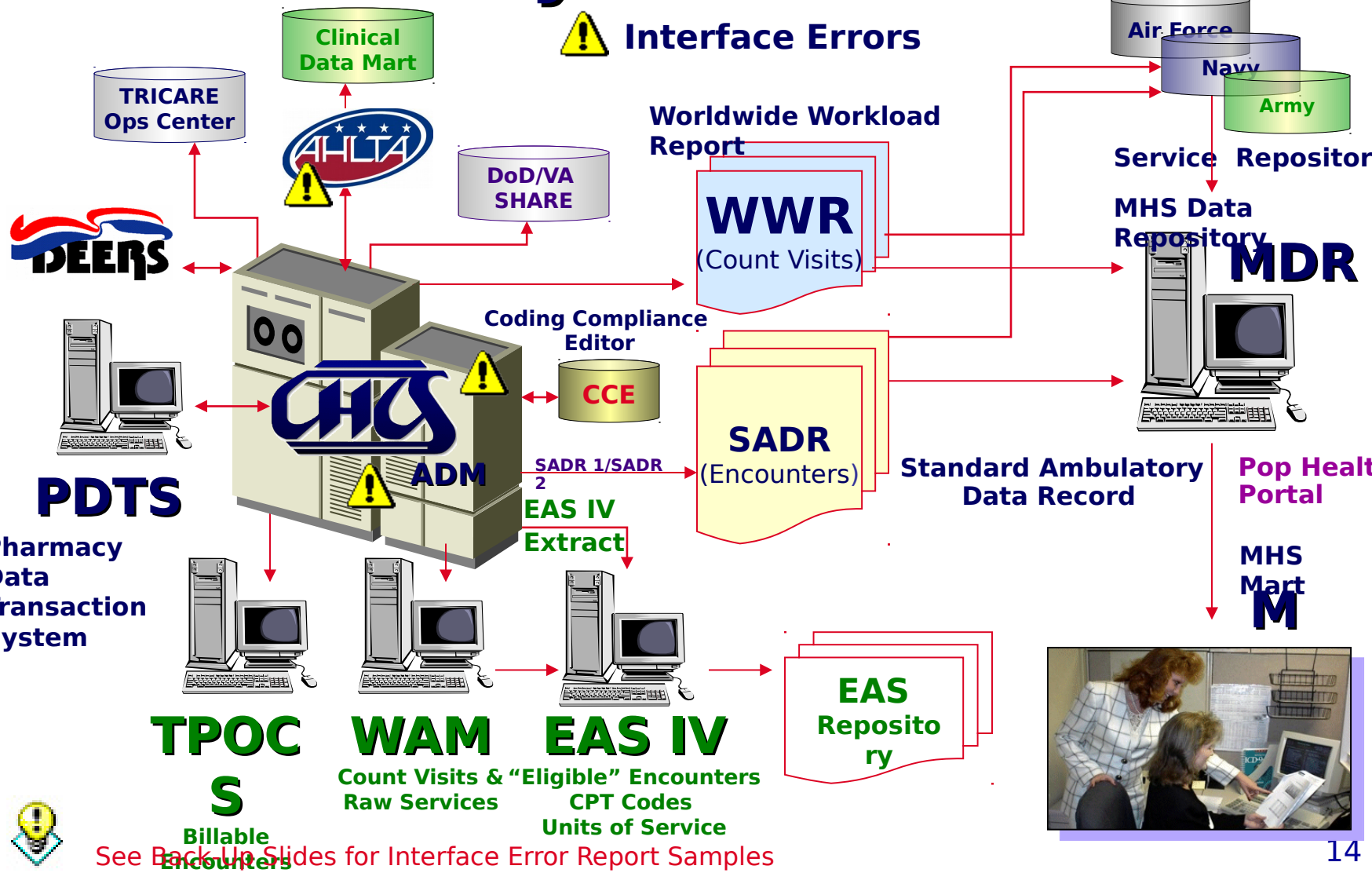
# Basic Features

- **Standard Coding Look-Up Tables:**
  - ICD-9 (including Military Unique Codes)
  - CPT/HCPCS
  - Modifiers (CHCS Modifier Mapping Table – KG ADS MODIFIER)
- **Clinic Favorites Coding Lists**
- **Each patient encounter must contain:**
  - 1 Diagnosis Code
  - 1 E&M (or “99499” entered as a “Placeholder”)
- **Secondary Providers**
  - Supervising, Attending, Paraprofessional, Assisting, GME, Operating Provider, Surgeon, Anesthesia and Nurse
- **Creates Admission, Daily & Disposition RNDS* Encounters to capture Inpatient Attending Provider Professional Services**
  - Industry Based Workload Alignment (IBWA)
- **AHLTA encounters “Written-Back” to ADM**
  - When encounter is signed as “Complete”, Updated and Co-Signed
- **Encounters Reviewed as “Complete” in the CCE update ADM**

# Additional Features

- **HIPAA Standard elements:**
  - Cause of Injury (and associated elements)
  - Geographic Location of Injury (Motor Vehicle Accidents)
  - Pregnancy Related (and associated elements)
- **Additional E&M Codes (up to 2 Additional E&M Codes)**
- **Diagnosis Code Priority (Links Procedure to Dx)**
- **CPT Code Units of Service (per CPT Code)**
- **CPT Code Modifiers (up to 3 – per CPT Code)**
- **Military Unique ICD-9 Codes (ICD-9 Code Extenders)**
  - V70.5 4 PRE-DEPLOYMENT EXAMINATION
  - V70.5 5 DURING DEPLOYMENT EXAMINATION
  - V70.5 6 POST-DEPLOYMENT EXAMINATION
- **Encounter Disposition (Inpatient and Ambulatory)**

# Data, Data Everywhere…




See Back-Up Slides for Interface Error Report Samples

# Interface Status Reports

1. **ADM Interface Error Report**
   - CHCS ADM Menu Option Report #5
   - Errors – Encounter failed SADR edits – Not sent to CCE
   - Warnings – May impact TPOCS encounter data
   - Supervising Provider Warnings – Will now be sent to EAS
2. **CCE Detailed Interface Error Report**
   - CHCS Menu Option within ADM System Manager Menu Option
   - Report of CCE functional errors
   - ADM not updated to generate updated SADR
   - Billable encounters not available to submit for billing
3. **AHLTA/ADM Write-Back Error Report**
   - Coordinate with your AHLTA System Admin to run the report
   - May require MHS Trouble Ticket to obtain report
   - ASCII File of AHLTA Write-Back errors
   - AHLTA encounter not accepted or received by ADM
   - SADR not created
   - Encounter not sent to TPOCS, CCE or EAS
   - Impacts 3-Day Coding Compliance DQ Measure

# ADM Reports Menu

**Type ADS to access the Ambulatory Data Module**

```
STYL   User Prompt Style
   1       Appointments with No ADM Records by Clinic
   2       ADM Patients with 3rd Party Insurance
   3       ADM Compliance Report
   4       ADM Records with Unresolved Coding Issues
   5       Interface Transmission Status of ADM Record
   6       Encounter Summary Report by Clinic/Provider
   7       For Clinic Use Only Report
   8       Encounter Specific Code Report by Clinic/Provider
   9       Top Number Encounter Report
   10      Appointment/Encounter Count Report
   11      Patient Encounter Records Report
```

**Detailed “How To” run the ADM Compliance Report**

http://www.pasba.amedd.army.mil/Quality/Resources/ADMComplianceReportInstr031215.pdf

# Compliance Report (IBWA)

```
ADM Report #3

Select PAD System Menu Option: ADS  Ambulatory Data Module
Select Ambulatory Data Module Option: 2  Ambulatory Data Reports
Select Ambulatory Data Reports Option: 3  ADM Compliance Report
Select (D)MIS ID, (U)ser current division as filtering type or (Q)uit: U// D
Select (O)ne, (M)ultiple, (A)ll DMIS ID or (Q)uit: A// O
Select DMIS ID: 0089  0089        WOMACK AMC
Select (C)linic, (P)rovider as primary sort or (Q)uit: C// C
Select (O)ne, (M)ultiple, (A)ll ADM clinics or (Q)uit: A// M
+* ADMISSIONS                      EKAA
 * AMIC CL                         BIAB
Summarize by provider (Y)es, (N)o, or (Q)uit: Y// N
Select (D)MIS, (M)EPR, (C)linic clinic sort order or (Q)uit: C//
Select (O)ne, (M)ultiple, (A)ll appointment status or (Q)uit: A// A
Include inpatient admitted by another service (Y)es, (N)o, or (Q)uit: Y// Y
Select (C)ount, (N)on-Count, (E)rror non-count, (B)oth as workload type
       or (Q)uit: B// B
Select (M)onth and year, (S)pecific start and stop as date range or (Q)uit: S// M
Enter Month & Year: Apr 2006//   (Apr 2006)
Do you want to proceed with this report? No// Y
Select DEVICE: Q
Select DEVICE: SPOOL
```

- **Select EKAA for IBWA RNDS* Encounters and one other Clinic**
- **Choose “No” to Summarize by Provider**

# ADM Compliance Tracker

| ADM Compliance Report for Jan 07 (Cumulative) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Commander's Goal = 95% ----- MEDCOM Standard = 100% | | | | | | | |
| Work Days | DATE | PAS TOTAL | COMPLETE ADM | INCOMPLETE ADM | % COMPLIANT | | |
| 1 | ADM Report for 3 Jan | 2,790 | 2,632 | 158 | 94.34% | | |
| 2 | ADM Report for 4 Jan | 3,628 | 3,464 | 164 | 95.48% | | |
| 3 | ADM Report for 5 Jan | 3,314 | 3,170 | 144 | 95.65% | | |
| 4 | ADM Report for 8 Jan | 3,369 | 3,111 | 258 | 92.34% | | |
| 5 | ADM Report for 9 Jan | 3,540 | 3,325 | 215 | 93.93% | | |
| 6 | ADM Report for 10 Jan | 2,561 | 2,453 | 108 | 95.78% | | |
| 7 | ADM Report for 11 Jan | 3,588 | 3,456 | 132 | 96.32% | | |
| 8 | ADM Report for 12 Jan | 555 | 527 | 28 | 94.95% | ********** | Training Holiday |
| 9 | ADM Report for 16 Jan | 3,645 | 3,491 | 154 | 95.78% | | |
| 10 | ADM Report for 17 Jan | 2,904 | 2,783 | 121 | 95.83% | | |
| 11 | ADM Report for 18 Jan | 3,349 | 3,233 | 116 | 96.54% | | |
| 12 | ADM Report for 19 Jan | 3,269 | 3,105 | 164 | 94.98% | | |
| 13 | ADM Report for 22 Jan | 3,517 | 3,360 | 157 | 95.54% | | |
| 14 | ADM Report for 23 Jan | 3,534 | 3,412 | 122 | 96.55% | | |
| 15 | ADM Report for 24 Jan | 2,844 | 2,762 | 82 | 97.12% | | |
| 16 | ADM Report for 25 Jan | 3,504 | 3,390 | 114 | 96.75% | | |
| 17 | ADM Report for 26 Jan | 3,176 | 3,086 | 90 | 97.17% | | |
| 18 | ADM Report for 29 Jan | 3,459 | 3,338 | 121 | 96.50% | | |
| 19 | ADM Report for 30 Jan | 3,581 | 3,424 | 157 | 95.62% | | |
| 20 | ADM Report for 31 Jan | 2,945 | 2,882 | 63 | 97.86% | | |
| | Grand Total: | 63,072 | 60,404 | 2,668 | 95.77% | | |
| | DAILY AVERAGE: | 3,154 | 3,020 | 133 | 95.77% | | |
| NOTE: There were 20 "work" days in Jan 07 | | | | | | | |

Daily Updates prepared by Clinical Operations – Thank You Bob

# IBWA % Compliance

- **Generate the ADM Compliance Report**
  - # Completed IBWA Encounters
- **Generate the WWR to calcul**
  - # OBDS
  - # Dispositions

07 Feb 2006@1441 For Official Use Only Page 1
Ambulatory Data Module

ADM Compliance Report by Clinic
From: Dec 2005 Thru: Dec 2005

| Clinic | PAS Total | Complete ADM Total | Incomplete ADM Total | Compliance |
|---|---|---|---|---|
| 0089 EKAA IBWA CLINIC 0089 | 3000 | 2900 | 100 | 97 |
| 0089 BAA0 INTERNAL MEDICINE-OBS | 1 | 1 | | 100 |
| Grand Total | 3001 | 2901 | 100 | 97 |

# Coding Table Updates

- **ICD-9 – Updated per Fiscal Year (Effective 1 Oct 06)**
- **CPT/HCPCS – Updated per Calendar Year (Effective 1 Jan 07)**
- **ADM only maintains CURRENT YEAR Code Tables**
- **Downstream Impacts:**
  - Prior year codes not available for prior year encounters in ADM
  - CCE supports the use of correct codes, based on Date of Service, but the “correct” codes will be rejected by ADM
  - AHLTA Provider/Clinic maintained templates will allow obsolete codes to be selected, but will be rejected by ADM impacting 3 Day Coding Compliance
- **Establish a Code Table Update/Synchronization Plan!**
  - Plan/Discuss Code Table Update synchronization with AHLTA, CHCS, TPOCS, CCE, EAS, and any other system affected…
  - Identify planned release and install dates for each system
  - Identify any coding backlogs (ADM, AHLTA & CCE) potentially impacted
  - Ensure “Review Complete” status in CCE for all billable encounters
  - Document the Update/Install Date for each system for future reference

# The "99499" Placeholder

- June 2005 - E&M Code became optional for APV and encounters when at least 1 CPT/HCPCS Code was entered
- June 2005 - E&M Code was no longer required for Non-Count Visits
  - Remember! – IBWA RNDS* are NON-COUNT Visits
- Current recommendation is to continue to enter the "99499" E&M Code Placeholder in ADM
  - TPOCS still requires the "99499" Placeholder

# Encounter Data “Tune-Up”

# Show Me the Data!

3 - TOTAL SADR ENCOUNTER DETAIL : Select Query

| APPT_PREFIX | APPT_IEN | SADR_STAT | SADR_DATE | APPT_ | E_M_CODE | CPT1_CODE | CPT1_LEVEL | CPT2_CODE | CPT2_LEVEL | CPT3_CODE | CPT3_LEVEL | CPT4_CODE | CPT4_LEVEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 14679519 | R | 20060127 | 1 | 99212 | | | | | | | | |
| C | 14599779 | R | 20060127 | 1 | 99222 | | | | | | | | |
| C | 14702113 | R | 20060127 | 3 | 99499 | 99024 | 1 | | | | | | |
| C | 14702115 | R | 20060127 | 3 | 99499 | 99024 | 1 | | | | | | |
| 2 | 14701846 | R | 20060127 | 6 | 99499 | | | | | | | | |
| C | 14687291 | R | 20060127 | 1 | 99284 | 36415 | 1 | 99001 | 1 | 36000 | 1 | 90760 | 1 |
| 2 | 14694400 | R | 20060127 | 3 | 99499 | 90471 | 1 | 90657 | 1 | | | | |
| 2 | 14702009 | R | 20060127 | 3 | 99499 | 96150 | 1 | 90899 | 1 | | | | |
| C | 14608397 | R | 20060127 | 1 | 99499 | 42826 | 1 | 00170 | 1 | 99199 | 1 | | |
| C | 14692475 | R | 20060127 | 1 | 99283 | 93005 | 1 | J8499 | 1 | | | | |
| 2 | 14638448 | R | 20060127 | 1 | 99499 | 97535 | 3 | | | | | | |
| C | 14702110 | R | 20060127 | 3 | 99499 | 99024 | 1 | | | | | | |
| C | 14702121 | R | 20060127 | 3 | 99499 | 99024 | 1 | | | | | | |
| C | 14599555 | R | 20060127 | 1 | 99499 | 42826 | 1 | 00170 | 1 | 99199 | 1 | | |
| 2 | 14701117 | R | 20060127 | 3 | 99213 | 59025 | 2 | | | | | | |
| 2 | 14677432 | R | 20060127 | 1 | 99211 | | | | | | | | |
| C | 14692435 | R | 20060127 | 1 | 99283 | 36000 | 1 | 90760 | 1 | J7030 | 1 | 90774 | 1 |
| C | 14702130 | R | 20060127 | 3 | 99211 | | | | | | | | |
| 2 | 14675156 | R | 20060127 | 1 | 99499 | 99024 | 1 | | | | | | |
| C | 14689855 | R | 20060127 | 1 | 99282 | 29130 | 1 | | | | | | |
| 2 | 14700161 | R | 20060127 | 3 | 99211 | | | | | | | | |
| C | 14702117 | R | 20060127 | 3 | 99499 | 99024 | 1 | | | | | | |
| 2 | 14702253 | R | 20060127 | 6 | 99499 | | | | | | | | |
| 2 | 14677982 | R | 20060127 | 1 | 99215 | | | | | | | | |
| C | 14702095 | R | 20060127 | 3 | 99211 | | | | | | | | |
| C | 14687326 | R | 20060127 | 1 | 99282 | 99070 | 1 | E0110 | 1 | | | | |
| C | 14702098 | R | 20060127 | 3 | 99499 | 99024 | 1 | | | | | | |
| 2 | 14701826 | R | 20060127 | 6 | 99499 | | | | | | | | |
| C | 14702101 | R | 20060127 | 3 | 99499 | 99024 | 1 | | | | | | |
| 2 | 14702249 | R | 20060127 | 6 | 99371 | | | | | | | | |
| 2 | 14659632 | R | 20060127 | 1 | 99212 | 59025 | 1 | 76815 | 1 | | | | |
| C | 14687301 | R | 20060127 | 1 | 99283 | E0110 | 1 | 99070 | 1 | J8499 | 1 | | |
| 2 | 14629949 | R | 20060127 | 1 | 99499 | 97535 | 2 | 97150 | 2 | 97035 | 2 | | |
| C | 14692429 | R | 20060127 | 1 | 99284 | 36415 | 1 | 99001 | 1 | 36000 | 1 | 90760 | 1 |
| 2 | 14691534 | R | 20060127 | 3 | 99213 | | | | | | | | |

Record: 1 of 5732

# SADR Data Review Tool

- **Import Daily SADR extracts:**
  - Excel Macro parses SADR file by DMIS
  - SADR SHOOTER.mdb
- **Copy/Paste into Excel Workbook**
- **“Ready Data” for your “DQ Radar”**
- **Identify trends for user feedback and training**
- **Supports DQ Process Improvement**
- **“Drill Down” into specific problem areas**
- **Create encounter data reconciliation lists for Clinic Staff**

See Notes View for additional “How To” information

# DQ "Check Points"

- Allied Health Coding (PT/OT, Audiology, Mental Health, Optometry, etc.)
  - MTFs will be decremented for incorrect Allied Health E&M Coding!
- E&M Coding for Nurses and Technicians
  - Important Training Issue for Nurses and Technicians with RN Wellness Role in AHLTA
- E&M Distribution:
  - By Provider
  - By 4th Level FCC
  - New vs Established Encounters
  - Sick vs Well Encounters
  - New vs Consult Encounters
- Diagnosis Capture (Frequency and Tabular Lists)
- Procedures/Services and Supplies
- Updated Encounters
  - Also review CCE Coder/Provider Comparison Report
- Provider Medical Specialty (Direct Care <=905)

# Allied Health Locations

| E&M Distribution | Allied Health Metric | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| Count of APPT_IEN | | E_M_CODE | | | | | | | | | |
| MEPRS | SADR_STATUS | 99205 | 99211 | 99212 | 99213 | 99215 | 99402 | 99403 | 99404 | 99456 | Grand Total |
| BALA | R | | 1 | | | | 1 | 1 | 1 | | 4 |
| BFBA | R | 2 | | 1 | | 2 | | | | | 5 |
| BFBB | R | | 1 | | | 2 | | | | | 3 |
| BFE2 | R | | | | | 2 | | | | | 2 |
| BFEA | R | 1 | | 2 | | | | | | | 3 |
| BFEB | R | 10 | 2 | 9 | 1 | 7 | | | | 1 | 30 |
| BFEO | R | | 2 | 1 | | 3 | | | | | 6 |
| **Grand Total** | | **13** | **6** | **13** | **1** | **16** | **1** | **1** | **1** | **1** | **53** |

| FCC | DESCRIPTION |
|---|---|
| BEB | Cast Clinic |
| BFB | Psychology Clinic |
| BFC | Child Guidance Clinic |
| BFD | Mental Health Clinic |
| BFE | Social Work Clinic |
| BFF | Substance Abuse Rehab Clinic |
| BHC | Optometry Clinic |
| BHD | Audiology Clinic |
| BHE | Speech Pathology Clinic |
| BLA | Physical Therapy Clinic |
| BLB | Occupation Therapy Clinic |

- **Allied Health Locations should not have E&M Services**
- **CPT Codes for procedures performed by Allied Health Providers identify the Professional Services provided**
- **Prepare reconciliation list for Clinic Staff**

Source: CHCS SADR (Appt Prefix = “2” and SADR Status = “R” 1 – 31 July 2006)

# E&M By Specialty

| Specialty Distribution | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SADR_STATUS | R | | | | | | | | | | | | | |
| Count of APPT_IEN | E_M_CODE | | | | | | | | | | | | | |
| HCP_SPEC | 99201 | 99202 | 99203 | 99204 | 99205 | 99211 | 99212 | 99213 | 99214 | 99215 | 99241 | 99242 | 99499 | Grand Total |
| 600 | 4 | 16 | 1 | | 1 | 383 | 143 | 11 | 14 | 32 | | | 630 | 1235 |
| 703 | | | | | 11 | 7 | 23 | 1 | | 12 | | | 660 | 714 |
| 704 | | | | | | | | | | | | | 607 | 607 |
| 705 | | | | 1 | | | | | | 2 | | | 415 | 418 |
| 706 | | | | | | 4 | 5 | | | 4 | | | 1667 | 1681 |
| 709 | | | | | | 4 | 5 | | | | | | 484 | 493 |
| 900 | | | | | | 1249 | 74 | 33 | | 1 | 3 | 11 | 4406 | 5777 |
| 958 | | | | | | | | | | | | | 17 | 17 |
| Grand Total | 4 | 16 | 1 | | | | 250 | 45 | 14 | 51 | 3 | 11 | 8886 | 10942 |

- **RNs (600)/Techs (900) with Physician Level E&M Services**
- **Prepare Reconciliation List for Clinic Staff**
- **Provide Option to correct in either AHLTA or ADM**
- **Click on any cell to display detailed data for review**

Source: CHCS SADR (Appt Prefix = “2” and SADR Status = “R” 1 – 31 July 2006)

# Drill Down Reconciliation

| PREFIX | APPT_IEN | SADR_STATUS | SADR_DATE | APPT_REC_STATUS | TYPE | E_M_CODE | CPT1_CODE | CPT1_LEVEL | CPT2_CODE | CPT2_LEVEL | CPT3_CODE | CPT3_LEVEL | CPT4_CODE | CPT4_LEVEL | TX_DMIS | ENC_DATE | ICD1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 15361352 | R | 20060731 | C | 3 | 99205 | | | | | | | | | 0089 | 20060720 | V61.10 |
| 2 | 15338134 | R | 20060726 | C | 3 | 99205 | | | | | | | | | 0089 | 20060714 | V61.10 |
| 2 | 15311698 | R | 20060708 | C | 3 | 99205 | | | | | | | | | 0089 | 20060707 | V61.10 |
| 2 | 15301620 | R | 20060707 | C | 3 | 99205 | | | | | | | | | 0089 | 20060705 | V61.10 |
| 2 | 15302940 | R | 20060712 | C | 1 | 99205 | | | | | | | | | 0089 | 20060707 | V61.10 |
| 2 | 15302966 | R | 20060710 | C | 1 | 99205 | | | | | | | | | 0089 | 20060710 | V61.10 |
| 2 | 15265427 | R | 20060707 | C | 1 | 99205 | | | | | | | | | 0089 | 20060626 | V61.10 |
| 2 | 15286443 | R | 20060707 | C | 1 | 99205 | | | | | | | | | 0089 | 20060629 | V61.10 |
| 2 | 15277008 | R | 20060706 | C | 1 | 99205 | | | | | | | | | 0089 | 20060629 | V61.10 |
| 2 | 15265410 | R | 20060705 | C | 1 | 99205 | | | | | | | | | 0089 | 20060626 | V61.11 |
| 2 | 15371244 | R | 20060726 | C | 3 | 99211 | 90801 | 1 | | | | | | | 0089 | 20060724 | 995.53 |
| 2 | 15294406 | R | 20060713 | C | 1 | 99211 | | | | | | | | | 0089 | 20060711 | V61.12 |
| 2 | 15382308 | R | 20060726 | C | 3 | 99212 | 90804 | 1 | | | | | | | 0089 | 20060726 | V61.0 |
| 2 | 15338086 | R | 20060715 | C | 3 | 99212 | | | | | | | | | 0089 | 20060714 | V61.10 |
| 2 | 15385995 | R | 20060730 | C | 1 | 99212 | 90801 | 1 | | | | | | | 0089 | 20060728 | V61.11 |
| 2 | 15386024 | R | 20060730 | C | 1 | 99212 | 90801 | 1 | | | | | | | 0089 | 20060728 | V61.12 |
| 2 | 15382540 | R | 20060727 | C | 1 | 99212 | 96150 | 1 | | | | | | | 0089 | 20060727 | V61.0 |
| 2 | 15382491 | R | 20060727 | C | 1 | 99212 | 90801 | 1 | | | | | | | 0089 | 20060727 | V61.0 |
| 2 | 15372496 | R | 20060727 | C | 1 | 99212 | 90801 | 1 | | | | | | | 0089 | 20060726 | V61.12 |
| 2 | 15368538 | R | 20060725 | C | 1 | 99212 | 90801 | 1 | | | | | | | 0089 | 20060724 | V61.11 |
| 2 | 15283542 | R | 20060711 | C | 1 | 99212 | 90801 | 2 | | | | | | | 0089 | 20060630 | V61.10 |
| 2 | 15135746 | R | 20060721 | C | 1 | 99213 | | | | | | | | | 0089 | 20060519 | 917.0 |
| 2 | 15397868 | R | 20060731 | C | 3 | 99215 | | | | | | | | | 0089 | 20060731 | V61.9 |
| 2 | 15338135 | R | 20060726 | C | 3 | 99215 | | | | | | | | | 0089 | 20060714 | V61.21 |
| 2 | 15250240 | R | 20060725 | C | 3 | 99215 | 90806 | 1 | | | | | | | 0089 | 20060619 | V61.10 |
| 2 | 15325932 | R | 20060725 | C | 1 | 99215 | | | | | | | | | 0089 | 20060721 | V61.20 |
| 2 | 15268404 | R | 20060725 | C | 1 | 99215 | 90806 | 1 | | | | | | | 0089 | 20060623 | V61.9 |
| 2 | 15286461 | R | 20060707 | C | 1 | 99215 | | | | | | | | | 0089 | 20060629 | V61.11 |
| 2 | 15298024 | R | 20060706 | C | 1 | 99215 | | | | | | | | | 0089 | 20060706 | V61.0 |
| 2 | 15288447 | R | 20060711 | C | 1 | 99456 | 90801 | 2 | | | | | | | 0089 | 20060706 | V61.9 |

- **Copy the APPT_IENs**
- **Prepare CHCS Query File to identify patient encounters for reconciliation**
  - **(` Grave Key in front of APPT_IEN)**
- **Access CHCS Fileman-> Inquire to File->Patient Appointment**
- **Paste the APPT_IEN (with Grave Key) into the CHCS Patient Appointment File**
- **Select your favorite CHCS Print Template or use the PT ID EXTRA**

# CHCS Ad-Hoc Query

```
NAME: GS CCC PT ID EXTRA FF  Replace ..
DESCRIPTION:
  1>Patient ID Extra FF
EDIT Option:
READ ACCESS: SHARKPONDFLY&#sharkpondfly  Replace
WRITE ACCESS: SHARKPONDFLY&#sharkpondfly  Replace
First Print FIELD: NAME://
  Then Print PATIENT FIELD: NAME_"^";X//
  Then Print PATIENT FIELD: FMP_"^";X//
  Then Print PATIENT FIELD: SPONSOR SSN_"^";X//
  Then Print PATIENT FIELD: PATIENT SSN_"^";X//
  Then Print PATIENT FIELD: "`"_NUMBER_"^";X// //
  Then Print PATIENT FIELD: PATIENT IDENTIFIER_"^";X
  Then Print PATIENT FIELD: PATIENT VALIDATION FLAG_"^";X
  Then Print PATIENT FIELD: RA DATE TIME(DATE VALIDATION FLAG UPDATED)_"^";X
  Then Print PATIENT FIELD: DEERS ADDRESS UPDATED_"^";X
  Then Print PATIENT FIELD: //
Then Print FIELD: RA DATE TIME(APPOINTMENT DATE/TIME)_"^";X
Then Print FIELD: "`"_NUMBER_"^";X//
Then Print FIELD: APPOINTMENT STATUS_"^";X  Replace
Then Print FIELD: CLINIC//   CLINIC
Then Print FIELD:
Heading: @@//
Footnote:
Store Print logic in Template: GS CCC PT ID EXTRA FF//
```

# Key Points Recap

- ADM captures and reports Encounter Services
- Interface Error Reports:
  - 1.
  - 2.
  - 3.
- Coding Table Update Coordination:
  - 1.
  - 2.
- SADR Review Tool - DQ "Tune-Up"
  - 1.
  - 2.
  - 3. If you are interest in the SADR Review Tool, Contact Me
- Homework…

# Interface Error Reporting

## Homework…

# ADM Interface Errors

| ADM Errors FY 06 | Total |
|---|---|
| ERR: 209 Appt_status null or missing. (AHTLA Completed Encounter with change to Admin in CHCS EOD) | 118 |
| ERR: 222 Disposition missing based on status. (No-Show then changed to Kept) | 60 |
| ERR: 240 Found E&M code where not allowed. (Cancelled with Encounter Coding still in record) | 14 |
| ERR: 243 Ambulatory flag set where not allowed. | 1 |
| ERR: 251 Disposition Type does not match Patient Status (Change DC to Release w/o Limitations) | 38 |
| ERR: 253 No provider associated with a CPT code. (New as of June 2005) | 3 |
| ERR: 254 Injury Related data missing (HIPAA Injury Related data) | 1 |
| ERR: 257 Supervising Provider is required. (New as of June 2005<br>Warning 457: Required Supervising Provider not entered in AHLTA | 76<br>1000+ |
| **Grand Total** | **311** |

- **ADM Interface Error Report lists key elements to facilitate reconciliation:**
  - Coordinate reconciliation coordination with responsible Clinic Staff
  - Errors prevent SADR from being created
  - Warnings may impact billable encounters
  - 457 Warnings – Will now be included EAS SADR Extract (as of July 2006)

# CCE Interface Errors

```
26 May 2006@1837  Personal Data - Privacy Act of 197
                          CCE INTERFACE ERROR
                 From: 01 Apr 2006@0000  Thru:
==================================================
DIVISION: WOMACK AMC FT BRAGG NC
  Invalid CPT code: 90784

  02 Apr 2006@1916  30 Dec 2005@1752
  Invalid CPT code: J7616

  13 Apr 2006@1341  30 Mar 2006@1530   WFM-TEAM Ho
  Invalid Secondary Provider Role                                  8145642

  26 Apr 2006@0538  22 Mar 2006@1000   REFRACTIVE EYE CTR            BBDQ
  Invalid patient IEN: 807544                                      8122973

  26 Apr 2006@1212  26 Mar 2003@0850   GYNECOLOGY APV                BCB5
  Invalid Secondary Provider 18510                                 4325381

  04 May 2006@1403  25 Apr 2006@0900   WFM-TEAM DUTY                 BGAA
  Injury Cause Code is missing                                     8235808

  22 May 2006@1726  30 Nov 2005@1930   AMIC CL                       BIAB
  Injury Date is missing                                           7714791

  25 May 2006@1313  22 May 2006@1310   WFM-TEAM DUTY                 BGAA
  Modifier 27 is not valid for code 99212                          8337540

  05 Apr 2006@1923  03 Apr 2006@1100   RHC TEAM 2                    BGAR
  Dx/Priority mismatch for 90645                                   8157628
```

- **2005 Encounter correctly coded in the CCE in 2006, but rejected by ADM. ADM only maintains the current year code tables**
- **Invalid Patient IEN, due to possible merge in CHCS**
- **Ensure "Billable" encounters pending CCE Review are complete prior to CHCS Table Updates**

# Write-Back Errors

BRAGG_20060601_20061022_ccc.xls

| | A | B |
|---|---|---|
| 1 | **WB ERRORS BY DESCRIPTION** | |
| 2 | | |
| 3 | Count of APPT_IEN | |
| 4 | EXCEPTION_TEXT | Total |
| 5 | Duplicate ICD_DIAGNOSIS_PRIORITYs are not allowed. | 326 |
| 6 | Wamload Failure - Unable to load retruned XML into XML.DOM | 224 |
| 7 | NA | 179 |
| 8 | EM_DIAGNOSIS_PRIORITY cannot be set until ICD9s are added. | 90 |
| 9 | At least 1 ICD9 code must be present. | 90 |
| 10 | '90782' is not a valid value for CPT4 CODE. '90782' cannot be found in the 'CPT4' code reference. | |
| 11 | 'V58.3' is not a valid value for ICD CODE. 'V58.3' cannot be found in the 'ICD9' code reference. | |
| 12 | An E&M code has not been entered. | |
| 13 | CPT4_DIAGNOSIS_PRIORITY cannot be set until ICD9s are added. | 4 |
| 14 | '5' is not a valid value for ICD-ICD_DIAGNOSIS_PRIORITY. Valid values must be in 1 or 2 or 3 or 4 or U. | |
| 15 | 'V24' is not a valid value for ICD CODE. 'V24' cannot be found in the 'ICD9' code reference. | |
| 16 | 'V58.30' is not a valid value for ICD CODE. 'V58.30' cannot be found in the 'ICD9' code reference. | |
| 17 | A disposition has not been entered. | |
| 18 | '6' is not a valid value for ICD-ICD_DIAGNOSIS_PRIORITY. Valid values must be in 1 or 2 or 3 or 4 or U | |
| 19 | '345.9' is not a valid value for ICD CODE. '345.9' cannot be found in the 'ICD9' code reference. | |
| 20 | 'J2050' is not a valid value for CPT4 CODE. 'J2050' cannot be found in the 'CPT4' code reference. | |
| 21 | 'V72.1' is not a valid value for ICD CODE. 'V72.1' cannot be found in the 'ICD9' code reference. | |
| 22 | 'V72.1 1' is not a valid value for ICD CODE. 'V72.1 1' cannot be found in the 'ICD9' code reference. | |
| 23 | EM_DIAGNOSIS_PRIORITY: 12 does not conform to ICD_DIAGNOSIS_PRIORITYs: 11. | 6 |
| 24 | EM_DIAGNOSIS_PRIORITY: 12 does not conform to ICD_DIAGNOSIS_PRIORITYs: 1. | 6 |
| 25 | '90799' is not a valid value for CPT4 CODE. '90799' cannot be found in the 'CPT4' c | |
| 26 | '790.9' is not a valid value for ICD CODE. '790.9' cannot be found in the 'ICD9' code | |
| 27 | EM_DIAGNOSIS_PRIORITY: 123 does not conform to ICD_DIAGNOSIS_PRIORIT | |
| 28 | 'V58.32' is not a valid value for ICD CODE. 'V58.32' cannot be found in the 'ICD9' c | |
| 29 | '519.1' is not a valid value for ICD CODE. '519.1' cannot be found in the 'ICD9' code | |
| 30 | '648.4' is not a valid value for ICD CODE. '648.4' cannot be found in the 'ICD9' code | |
| 31 | '7' is not a valid value for ICD-ICD_DIAGNOSIS_PRIORITY. Valid values must be in | |
| 32 | '238.7' is not a valid value for ICD CODE. '238.7' cannot be found in the 'ICD9' code | |
| 33 | 'A4790' is not a valid value for CPT4 CODE. 'A4790' cannot be found in the 'CPT4' code reference. | 4 |
| 34 | '493.90' is not a valid value for ICD CODE. '493.90' cannot be found in the 'ICD9' code reference. | 4 |

- **Providers/Staff must update Favorites Lists and Personal Templates to the new ICD/CPT Codes**
- **ADM will reject ICD-9 Inpatient Procedure codes**
- **Trouble Ticket submitted for #1 Error**

BRAGG_20060601_20061022_ccc.xls

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | **WB ERRORS - SUMMARY** | | | | | | |
| 2 | | | | | | | |
| 3 | EXCEPTION_TEXT | (All) | | | | | |
| 4 | | | | | | | |
| 5 | Count of APPT_IEN | APPT MO | | | | | |
| 6 | | **Jun-06** | **Jul-06** | **Aug-06** | **Sep-06** | **Oct-06** | **Grand Total** |
| 7 | Total | 180 | 103 | 258 | 471 | 588 | 1600 |

# Questions?